

TABLE R-3
Montana Department of Public Health and Human Services
Communicable Disease Program
2002 Summary

Reporting County	CAMPYLOBACTER	DIPHTHERIA	PATHOGENIC COLIFORMS	GARDIA	HEMOPHILUS	INFLUENZA B	HEPATITIS A	HEPATITIS B	HONORARIUS	LEGIONELLA	MEASLES	MENINGITIS	PERTUSSIS	RMSF	SALMONELLA	SHIGELLA	TUBERCULOSIS	FOODBORNE AND WATERBORNE OUTBREAK RELATED CASES INCIDENTS/CASES
Beaverhead	2	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Big Horn	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
Blaine	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-
Broadwater	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon	3	-	1	-	-	-	2	-	-	-	-	-	-	-	1	-	-	-
Carter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cascade	14	-	8	8	-	-	-	-	-	1	-	-	-	-	19	-	1	1/8
Chouteau	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Custer	1	-	-	1	-	-	-	1	-	-	-	-	-	-	1	-	1	-
Daniels	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	1/14
Dawson	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-
Deer Lodge	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fallon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fergus	4	-	1	3	-	-	-	-	-	-	-	-	-	-	3	-	-	-
Flathead	12	-	1	10	-	-	-	-	-	1	-	-	3	-	8	1	1	1/44
Gallatin	9	-	3	17	-	-	-	-	-	-	-	-	-	-	6	-	1	-
Garfield	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glacier	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-
Golden Valley	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Granite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hill	5	-	-	-	-	-	-	-	-	-	-	1	-	-	3	-	1	-
Jefferson	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Judith Basin	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Lake	6	-	1	4	-	-	-	-	-	-	-	-	-	-	2	-	-	2/29
Lewis & Clark	2	-	1	-	-	3	-	-	1	1	-	-	1	-	4	-	-	1/8
Liberty	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Lincoln	1	-	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4
Madison	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
McCone	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meagher	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mineral	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1/40
Missoula	21	-	4	22	-	4	2	-	1	-	1	1	-	10	-	-	-	-
Musselshell	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Park	1	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phillips	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	1	-
Pondera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Powder River	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Powell	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prairie	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ravalli	4	-	2	2	-	1	-	-	-	-	-	-	2	-	3	-	-	-
Richland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roosevelt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/35
Rosebud	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Sanders	-	-	2	3	-	-	-	-	-	-	1	1	-	1	-	-	-	-
Sheridan	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver Bow	1	-	1	1	-	-	-	-	-	-	-	-	-	-	3	-	-	-
Stillwater	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Sweet Grass	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Teton	1	-	-	1	-	-	-	-	-	-	-	-	-	-	2	-	-	-
Toole	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1/4
Treasure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Valley	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wheatland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wibaux	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellowstone	6	-	5	13	-	1	4	-	-	-	-	-	1	16	2	1	-	2/7
2002 Total	112	0	38	94	0	13	10	1	4	0	3	10	1	91	4	12	-	12/193
2001 Total	110	0	23	95	0	16	3	1	0	0	4	54	1	81	9	17	-	12/843
2000 Total	107	0	31	91	0	7	8	5	2	0	6	35	4	97	8	21	-	6/180

* "Reporting county" reflects county of residence whenever possible.

The above disease totals reflect the cumulative number of reports received by DPHHS January through December 31, 2002. Each disease is classified by month of event. While month of event generally reflects the onset of symptoms, it may also reflect date of report or test. The reporting county is the county of residence/occurrence of the case. Data are subject to corrections.

OTHER DISEASES OF INTEREST: 2002 SUMMARY

Diseases which are reported infrequently or which are of special interest are detailed in this section as they occur. All counties reporting at least one case are listed.

Reporting County	A M E B I A S I S	A S E P M E N I N G	B A C M E N I N O T R	C O L O R A D O T I C K	C R E J A K O B D I S E U T Z F E L D T	C R Y P T O S P O R	C Y T O M E G A L O	K A W A S A K I S Y N D	M A L A R I A	A N I M A L R A B I E S	W E S T N I L E	Y E R S I N O S I S
Beaverhead	-	-	-	-	-	-	-	-	-	1	-	-
Big Horn	-	-	-	1	-	-	-	-	-	1	-	-
Blaine	-	1	-	-	-	-	-	-	-	-	-	-
Carbon	-	-	-	-	-	-	-	-	-	1	-	-
Cascade	-	36	-	-	-	-	-	1	-	-	-	-
Dawson	-	-	-	-	-	-	-	-	-	1	-	-
Fergus	1	-	1	-	-	-	-	-	-	-	-	-
Flathead	-	-	1	-	-	1	2	-	2	2	-	-
Gallatin	-	5	2	-	1	1	-	-	-	1	-	1
Glacier	-	-	-	-	-	-	-	-	-	1	-	-
Hill	-	5	-	-	-	-	-	-	-	-	-	-
Jefferson	-	1	-	-	-	-	-	-	-	-	-	-
Lewis & Clark	-	2	-	-	-	-	-	-	-	3	-	-
Missoula	-	-	-	1	-	-	-	-	-	-	-	1
Musselshell	-	-	-	-	-	-	-	-	-	1	-	-
Pondera	-	-	-	-	-	-	-	-	-	2	-	-
Ravalli	-	-	-	2	-	-	1	-	-	1	-	-
Roosevelt	-	1	-	-	-	-	-	-	-	1	-	-
Rosebud	-	1	-	-	-	-	-	-	-	-	-	-
Sheridan	-	-	-	-	-	-	-	-	-	1	-	-
Silver Bow	-	-	-	1	-	-	-	-	-	-	-	-
Sweet Grass	-	1	-	-	-	-	-	-	-	-	-	-
Teton	-	-	-	-	-	-	-	-	-	2	-	-
Valley	-	1	-	-	-	-	-	-	-	-	-	-
Yellowstone	-	8	2	-	-	4	-	-	-	-	1	-
2002 Total	1	62	6	5	1	6	3	1	2	19	1	2
2001 Total	0	48*	7	6	0	37	1	1	3	38	0	2
2000 Total	0	14	3	0	0	10	0	0	1	65	0	0

* 41 viral meningitis cases were identified in Big Horn (23) and Yellowstone (18) Counties from 06/08/01 to 07/23/01. Lab results demonstrated enteroviral infections in several of the individuals tested.

STATEWIDE REPORTS:

Conditions which are reported to the Centers for Disease Control and Prevention or which are unique are reported below. Such conditions may include seasonal events such as influenza activity, as well as outbreaks or events for which heightened awareness is necessary.

RABIES REPORT:

22 (3.4%) of the 642 specimens submitted during 2002 tested positive for the virus.

Beaverhead	One Bat	Glacier:	One Bat	Roosevelt:	One Skunk
Big Horn:	Two Skunks	Lewis and Clark	Three Bats	Sheridan:	One Skunk
Carbon:	One Cow	Musselshell:	One Cat	Teton:	One Cat, One Skunk
Dawson:	One Bat	North Dakota:	One Skunk	Wilboux:	One Skunk
Flathead:	Two Bats	Pondera:	Two Skunks		
Gallatin:	One Bat	Ravalli:	One Bat		

FOODBORNE/WATERBORNE OUTBREAKS: The number of outbreaks/incidents and cases attributed to each are noted on page one. A short description of these reports are summarized below. Additional information may be obtained by contacting the county of report. Please report any "incident in which two or more persons experience a similar gastrointestinal or diarrheal illness and epidemiological analysis implicates a common source of exposure". A single case of foodborne intoxication (botulism, scromboid) should be considered an outbreak and reported.

OUTBREAKS/EVENTS OF INTEREST:

Yellowstone and Custer Co. - 5 of 7 Montana residents attending a national conference in Texas became ill with apparent Salmonella enteritidis. Gallatin County reported a similar case of illness in a guest of the Texas hotel not associated with the conference.

Flathead Co. - Nursing facility reported 26/35 patients and 12/28 direct care and 6 other staff ill with suspected viral gastroenteritis. Specimens collected tested negative for bacterial cultures. Illnesses occurred over a week-long period indicating likely person to person transmission.

Lake Co. - (1) Reported gastrointestinal illnesses in 14 of 35 individuals attending an eating event. Onset of symptoms was within hours of food consumption. No specimens were taken. (2) Approximately 15 of 50-60 campers became ill during a multiple day event. Symptoms were mild and no one was known to seek care. The illness appeared to be viral-like and the investigation led to an examination of water systems as well as person to person transmission.

Cascade Co. - The county reported 8 confirmed cases of Salmonella in approximately 4 families who adopted and cared for abandoned lambs.

Mineral Co. - Reported 40 of 80 children and a few adults ill with gastroenteritis after an outing at a nearby hot springs. Illnesses were described as mild and short duration. Preliminary information indicates the pool was the common factor and the outbreak has been reported as waterborne.

Yellowstone and Toole Co. - Six residents, 4 in Toole and 2 in Yellowstone, attended the same family function out of state and became ill with gastroenteritis.

Lewis & Clark and Powell Co. - Eight Lewis & Clark residents attended a camp in Powell Co. became ill with gastroenteritis. Powell Co. review and inspection reflected transmission was likely person to person as opposed to a point source.

Lincoln Co. - Four confirmed E. coli O157:H7 cases among 22 Lincoln Co. residents attending a camp in WA reported. A FDA recall on a specific lettuce product was issued as a result of the investigation.

Roosevelt Co. - At least 35 individuals reported a gastrointestinal illness after consuming food at a family function. Samples were negative for bacterial causes and local information related to consumed items and the rapid onset indicated the illness was likely toxin related.

Daniels Co. - A cluster of 14 gastrointestinal illnesses were reported associated with a concession stand at a local fair. No testing of food or patients were reported.

For more information on disease reporting, including how and what to report, contact your local health dept or Jim Murphy at (406) 444-0274 or by E-mail at jmurphy@state.mt.us. This information is also available at www.dphs.state.mt.us/hpsd/.

**SEXUALLY TRANSMITTED DISEASES BY COUNTY
2002 SUMMARY**

Reporting County*	HIV/AIDS	CHLAMYDIA	GONORRHEA	SYPHILIS
Beaverhead	-	24	-	-
Big Horn	-	123	7	-
Blaine	-	74	5	-
Broadwater	-	1	-	-
Carbon	-	7	-	-
Carter	-	-	-	-
Cascade	1	378	37	-
Choteau	-	4	-	-
Custer	-	36	-	-
Daniels	-	-	-	-
Dawson	-	14	1	-
Deer Lodge	-	8	-	-
Fallon	-	9	-	-
Fergus	-	4	2	-
Flathead	1	120	2	-
Gallatin	8	174	5	-
Garfield	-	1	-	-
Glacier	-	187	1	-
Golden Valley	-	1	-	-
Granite	-	-	-	-
Hill	2	134	6	-
Jefferson	-	13	-	-
Judith Basin	-	1	-	-
Lake	1	139	4	-
Lewis & Clark	4	134	4	-
Liberty	-	1	1	-
Lincoln	1	25	-	-
Madison	-	2	-	-
McCone	-	-	-	-
Meagher	-	1	-	-
Mineral	-	1	-	-
Missoula	1	218	9	-
Musselshell	-	3	-	-
Park	2	17	-	-
Petroleum	-	-	-	-
Phillips	-	3	-	-
Pondera	-	8	-	-
Powder River	-	1	-	-
Powell	-	2	-	-
Prairie	-	-	-	-
Ravalli	-	28	3	-
Richland	-	11	-	-
Roosevelt	-	102	3	-
Rosebud	-	55	3	-
Sanders	-	40	1	-
Sheridan	-	1	-	-
Silver Bow	4	46	-	-
Stillwater	1	7	-	-
Sweet Grass	-	1	-	-
Teton	-	1	-	-
Treasure	-	-	-	-
Toole	-	6	-	-
Valley	-	5	-	-
Wheatland	-	1	-	-
Wibaux	-	-	-	-
Yellowstone	6	330	32	-
Other/Out of State	-	7	-	-
2002 Total	32(HIV & AIDS)	2,509	126	0
2001 Total	114(HIV & AIDS)	1,899	104	0
2000 Total	20 (AIDS Only)	1,472	60	0

* "Reporting county" reflects county of residence whenever possible. Reports are counted as they are received by DPHHS. The above data include all reports received from January through December 31, 2002.

HIV reporting was formally added in 2001 and the data above reflect all HIV/AIDS cases reported at that time. The data are by date of report and do not reflect the date of infection or diagnosis. As a result, the numbers of HIV reports in 2002 are artificially high as all existing cases were reported.